

Title (en)

Method and device for analyzing and diagnosing physical media in an access network

Title (de)

Verfahren und Vorrichtung zur Analyse und Diagnose physischer Medien in einem Zugriffsnetzwerk

Title (fr)

Procédé et dispositif permettant d'analyser et de diagnostiquer des supports physiques dans un réseau d'accès

Publication

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Application

EP 13305129 A 20130204

Priority

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Abstract (en)

[origin: EP2763388A1] The present invention refers to a method (49) and device (25, 31, 43) for analysing and/or diagnosing physical media (13, 36) in an access network (11). In order to improve dynamic line management such that a long-lasting bit rate decrease because of transitory disturbance (47) in the access network (11) can be avoided, it is suggested that the method (49) comprise determining (55) a long-term statistical distribution (L) of a parameter that characterises the performance of at least one telecommunication line (13, 36) of the network (11); determining (57) a short-term statistical distribution (S) of the parameter; comparing (59, 61) the long-term statistical distribution (L) with the short-term statistical distribution (S); and detecting (63) a transitory disturbance (47) in the at least one telecommunication line (13, 36) depending on said comparing (59).

IPC 8 full level

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CPC (source: EP)

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